

Substitute form 1449A/PTO		<b>Complete if Known</b>	
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> (use as many sheets as necessary)		Application Number	10/089,595
		Filing Date	09/23/2002
		First Named Inventor	Sunil Ahuja
		Group Art Unit	1634
		Examiner Name	Jehanne Souaya Sittou
Sheet 1 of 2	Attorney Docket Number	9237-23	



U.S. PATENTS AND PATENT PUBLICATIONS					
Examiner Initials*	Cite No.	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY
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FOREIGN PATENT DOCUMENTS							
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OTHER NON PATENT LITERATURE DOCUMENTS					
Examiner Initials*	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published			T
<p>9</p> <p>↓</p> <p>✓</p>	1.	Anzala et al. CCR2-64I allele and genotype association with delayed AIDS progression in African women" <i>The Lancet</i> 351:1632-1633 (1998)			
	2.	Biti et al. "HIV-1 infection in an individual homozygous for the CCR5 deletion allele" <i>Nature Medicine</i> 3(3):252-253 (1997)			
	3.	Dean et al. "Genetic Restriction of HIV-1 Infection and Progression to AIDS by Deletion Allele of the CCR5 Structural Gene" <i>SCIENCE</i> 273:1856-1862 (1996)			
	4.	Esposito et al. "Role of CCR5 Chemokine Receptor Gene in Vertical Human Immunodeficiency Virus Type 1 Transmission and Disease Progression" <i>The Pediatric Infectious Disease Journal</i> 17(9):847-849 (1998)			
	5.	Eugen-Olsen et al. "Heterozygosity for a deletion in the CCR5 gene leads to prolonged AIDS-free survival and slower CD4 T-cell decline in a cohort of HIV-seropositive individuals" <i>AIDS</i> 11:305-310 (1997)			
	6.	Eugen-Olsen et al. "Chemokine Receptor CCR2b 64I Polymorphism and its Relation to CD4 T-Cell Counts and Disease Progression in a Danish Cohort of HIV-Infected Individuals" <i>J. Acquir. Immune Def. Syndr. Hum. Retrovirol.</i> 18:110-116 (1998)			
	7.	Garred et al. "Dual effect of CCR5 Δ32 gene deletion in HIV-1-infected patients" <i>The Lancet</i> 349:1884 (1997)			
	8.	Garred et al. "Chemokine-receptor polymorphisms: clarity or confusion for HIV-1 prognosis?" <i>The Lancet</i> 351:2-3 (1998)			
	9.	Hendel et al. "Distinctive Effects of CCR5, CCR2 and SDF1 Genetic Polymorphisms in AIDS Progression" <i>J. Acquir. Immune Def. Syndr. Hum. Retrovirol.</i> 19:381-388 (1998)			
	10.	Huang et al. "The role of a mutant CCR5 allele in HIV-1 transmission and disease progression" <i>Nature Medicine</i> 2(11):1240-1243 (1996)			
	11.	Husman et al. "Association between CCR5 Genotype and the Clinical Course of HIV-1 Infection" <i>Annals of Internal Medicine</i> 127(10):882-890 (1997)			
	12.	Ioannidis et al. "Genetic effects on HIV disease progression" <i>Nature Medicine</i> 4(5):536 (1998)			
	13.	Just et al. "Influence of host genotype on progression to acquired immunodeficiency syndrome among children infected with human immunodeficiency virus type 1" <i>The Journal of Pediatrics</i> 127(4):544-549 (1995)			
	14.	Katzenstein et al. "HIV-Infected Individuals With the CCR Δ32/CCR5 Genotype Have Lower HIV RNA Levels and Higher CD4 Cell Counts in the Early Years of the Infection Than Do Patients With the Wild Type" <i>J. Acquir. Immune Def. Syndr. Hum. Retrovirol.</i> 16:10-14 (1997)			

Examiner Signature	<i>Jehanne Sittou</i>	Date Considered	11/27/06
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φ	15.	Kostrikis et al. "A chemokine receptor CCR2 allele delays HIV-1 disease progression and is associated with a CCR5 promoter mutation" <i>Nature Medicine</i> 4(3):350-353 (1998)	
	16.	Libert et al. "The <i>ΔCCR5</i> mutation conferring protection against HIV-1 in Caucasian populations has a single and recent origin in Northeastern Europe" <i>Human Molecular Genetics</i> 7(3):399-406 (1998)	
	17.	Lucotte, G. "Frequencies of the CC chemokine receptor 5 $\Delta 32$ allele in various populations of defined racial background" <i>Biomed &amp; Pharmacother</i> 51:469-473 (1997)	
	18.	Mandl et al. "Possible influence of the Mutant CCR5 Allele on Vertical Transmission of HIV-1" <i>Journal of Medical Virology</i> 55:51-55 (1998)	
	19.	Mangano et al. "Distribution of CCR-5 $\Delta 32$ allele in Argentinian children at risk of HIV-1 infection: its role in vertical transmission" <i>AIDS</i> 12:109-123 (1998)	
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	21.	Michael et al. "The role of CCR5 and CCR2 polymorphisms in HIV-1 transmission and disease progression" <i>Nature Medicine</i> 3(10):1160-1162 (1997)	
	22.	Michael et al. "The role of viral phenotype and CCR-5 gene defects in HIV-1 transmission and disease progression" <i>Nature Medicine</i> 3(3):338-340 (1997)	
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	25.	O'Brien et al. "HIV-1 infection in a man homozygous for CCR5 $\Delta 32$ " <i>The Lancet</i> 349:1219 (1997)	
	26.	Pal et al. "Inhibition of HIV-1 infection by the $\beta$ -Chemokine MDC" <i>SCIENCE</i> 278:695-698 (1997)	
	27.	Philpott et al. "CCR5 Genotype and Resistance to Vertical Transmission of HIV-1" <i>J. Acquir. Immune Defic. Syndr.</i> 21:189-193 (1999)	
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	29.	Rizzardi et al. "CCR2 Polymorphism and HIV Disease" <i>Nature Medicine</i> 4(3):252-253 (1998)	
	30.	Rousseau et al. "CCR5 $\Delta 32$ in Perinatal HIV-1 Infection" <i>J. Acquir. Immune Defic. Syndr. Hum. Retrovirol.</i> 16:239-242 (1997)	
	31.	Shearer et al. "Cytokine Profiles in HIV Type 1 Disease and Protection" <i>AIDS Res. Hum. Retroviruses</i> 14(Suppl 2):S149-S152 (1998)	
	32.	Shearer et al. "CCR5 HIV-1 Vertical Transmission" <i>J. Acquir. Immune Def. Syndr. Hum. Retrovirol.</i> 17:180-181 (1998)	
	33.	Smith et al. "Contrasting Genetic Influence of CCR2 and CCR5 Variants on HIV-1 Infection and Disease Progression" <i>Science</i> 277(5328):959-965 (1997)	
	34.	Tang et al. "Distribution of Chemokine Receptor CCR2 and CCR5 Genotypes and Their Relative Contribution to Human Immunodeficiency Virus Type 1 (HIV-1) Seroconversion, Early HIV-1 RNA Concentration in Plasma, and Later Disease Progression" <i>Journal of Virology</i> 76(2):662-672 (2002)	
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✓	38.	Zimmerman et al. "Inherited Resistance to HIV-1 Conferred by an Inactivating Mutation in CC Chemokine Receptor 5: Studies in Populations with Contrasting Clinical Phenotypes, Defined Racial Background, and Quantified Risk" <i>Mol. Med.</i> 3(1):23-36 (1997)	

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